

CLAIMS

1. A (meth)acryloyloxyalkyl isocyanate containing a dissolved acidic gas (excluding hydrogen chloride).

5 2. A (meth)acryloyloxyalkyl isocyanate containing an acidic gas (excluding hydrogen chloride) forcedly dissolved in the (meth)acryloyloxyalkyl isocyanate in an amount sufficient for stabilizing the (meth)acryloyloxyalkyl isocyanate.

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3. The (meth)acryloyloxyalkyl isocyanate according to claim 1 or 2 in which the acidic gas is dissolved in an amount of not less than 20 ppm based on the (meth)acryloyloxyalkyl isocyanate.

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4. The (meth)acryloyloxyalkyl isocyanate according to claim 3 which has a hydrolyzable chlorine content of not more than 30 ppm based on the (meth)acryloyloxyalkyl isocyanate.

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5. The (meth)acryloyloxyalkyl isocyanate according to claim 4 which is prepared by using phosgene.

6. The (meth)acryloyloxyalkyl isocyanate according

to any one of claims 1 to 5 wherein the acidic gas is carbon dioxide.

7. The (meth)acryloyloxyalkyl isocyanate according to any one of claims 1 to 6 wherein the (meth)acryloyloxyalkyl isocyanate is (meth)acryloyloxyethyl isocyanate.

8. A process for stabilizing a (meth)acryloyloxyalkyl isocyanate, which process comprises forcedly dissolving an acidic gas (excluding hydrogen chloride) in the (meth)acryloyloxyalkyl isocyanate.

9. The process for stabilizing a (meth)acryloyloxyalkyl isocyanate according to claim 8 wherein the (meth)acryloyloxyalkyl isocyanate is a high purity (meth)acryloyloxyalkyl isocyanate which is prepared by decreasing the amount of hydrolyzable chlorine with purification.

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10. The process for stabilizing a (meth)acryloyloxyalkyl isocyanate according to claim 9 wherein the (meth)acryloyloxyalkyl isocyanate is prepared by using phosgene.

11. The process for stabilizing a
(meth)acryloyloxyalkyl isocyanate according to any one of
claims 8 to 10 wherein the acidic gas is carbon dioxide.

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12. The process for stabilizing a
(meth)acryloyloxyalkyl isocyanate according to any one of
claims 8 to 11 wherein the (meth)acryloyloxyalkyl
isocyanate is (meth)acryloyloxyethyl isocyanate.

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13. A process for preparing a stabilized
(meth)acryloyloxyalkyl isocyanate , which process
comprises forcedly dissolving an acidic gas (excluding
hydrogen chloride) in a (meth)acryloyloxyalkyl isocyanate.

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14. The process for preparing a stabilized
(meth)acryloyloxyalkyl isocyanate according to claim 13,
wherein the (meth)acryloyloxyalkyl isocyanate is a high
purity (meth)acryloyloxyalkyl isocyanate prepared by
decreasing the amount of hydrolyzable chlorine with
purification.

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15. The process for preparing a stabilized
(meth)acryloyloxyalkyl isocyanate according to claim 14,

wherein the (meth)acryloyloxyalkyl isocyanate is prepared by using phosgene.

16. The process for preparing a stabilized
5 (meth)acryloyloxyalkyl isocyanate, according to any one of claims 13 to 15 wherein the acidic gas is carbon dioxide.

17. The process for preparing a stabilized
(meth)acryloyloxyalkyl isocyanate, according to any one of
10 claims 13 to 16 wherein the (meth)acryloyloxyalkyl isocyanate is (meth)acryloyloxyethyl isocyanate.